

Notice of Allowability

Applicati n No.

09/822,715

Examin r

José H Alcalá

Applicant(s)

ROSS ET AL.

Art Unit

2827

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 5/29/03.
2. ☒ The allowed claim(s) is/are 1,2,5-9,12-14,23,25,28-33 and 37-40.
3. ☒ The drawings filed on 24 January 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No. _____.
 - (b) ☐ including changes required by the proposed drawing correction filed _____, which has been approved by the Examiner.
 - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1 <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____ |
| 5 <input type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. _____ | 6 <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9 <input type="checkbox"/> Other |

Allowable Subject Matter

Response to Arguments

1. Applicant's arguments, see page 7, filed on 5/23/03, with respect to the rejection of claims 1,8 and 28 have been fully considered and are persuasive. The rejection of claims 1,2,5-9,12-14,23,25,28-33,37-40 have been withdrawn.

Examiner's Amendment

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Authorization for this examiner's amendment was given in a telephone interview with James Henry on 9/16/03.

In the title: Replace title with: --Printed circuit board having buried intersignal capacitance and method of making--.

In the claims:

In claim 1, line 2 add a coma between the words "plane" and "and". In line 4, add a coma between the words: "plane" and "via". In line 8, add the word: -- of -- between the words: "plurality" and "first". In line 10 add the word: -- of -- between the words: "plurality" and "metal"

In claim 2, line 1 delete the word: "set", and replace with: --pair--. In line 2, replace the word: "form", and replace with: --forms--.

In claim 7, line 1, add the word: -- one--, between the words: "each" and "of".

In claim 8, line 2, add the word: --first--, between the words: "a" and "dielectric". In addition, in line 2 add a coma between the words "plane" and "and". In line 5, add the word: --first--, between the words: "the" and "dielectric".

In claim 9, line 1, replace the word: "the", with the phrase: --each pair of--. In line 1, replace the word: "form", and replace with: --forms--.

In claim 14, line 1, add the word: --one--, between the words: "each" and "of".

In claim 23, line 2, add the word: --first--, between the words: "said" and "dielectric". In addition in line 2, add a coma between the words: "material" and "and". In line 2, add the word: --material--, after the phrase: "third dielectric".

In claim 25, line 2, add the word: --first--, between the words: "said" and "dielectric" and in line 3, add the word: --first--, between the words: "said" and "dielectric".

In claim 28, line 6, replace the word: "capacitor", with the word: --capacitors--.

Allowed Claims

3. Claims 1,2,5-9,12-14,23,25,28-33,37-40 are allowed.

Conclusion

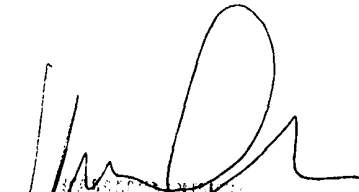
4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The following reference teach some of the elements of the instant claimed invention: Schettler et al. (US Patent No. 4,551,789)

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to José H Alcalá whose telephone number is (703) 305-9844. The examiner can normally be reached on Monday to Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kamand Cuneo can be reached on (703) 308-1233. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

JHA



KAMAND CUNEO
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800